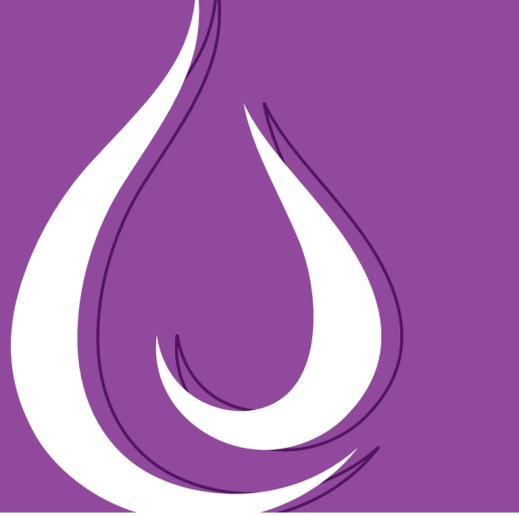


# Lesson 7: Healthy Water Inside

## Poster #3

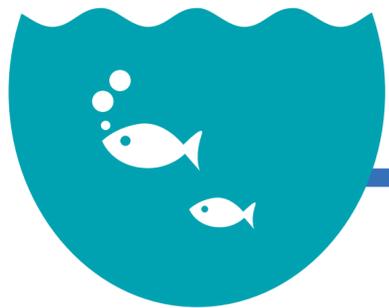


U.S. Environmental Protection Agency  
Office of Children's Health Protection  
EPA-100-K-13-002  
[www.epa.gov](http://www.epa.gov)  
April 2013



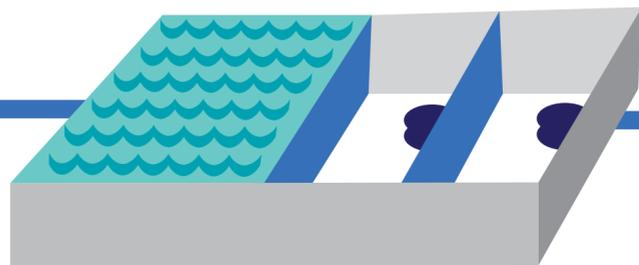
# Water Treatment Cycle

## Lake or Reservoir



## Sedimentation

Heavy particles settle to the bottom; the clear water moves on to disinfection.



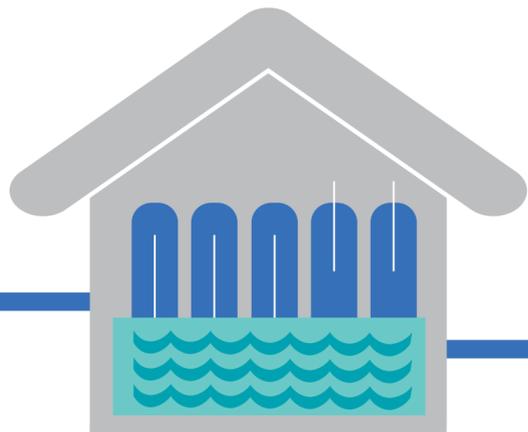
## Disinfection

Chlorine and other disinfectants are added to kill microorganisms



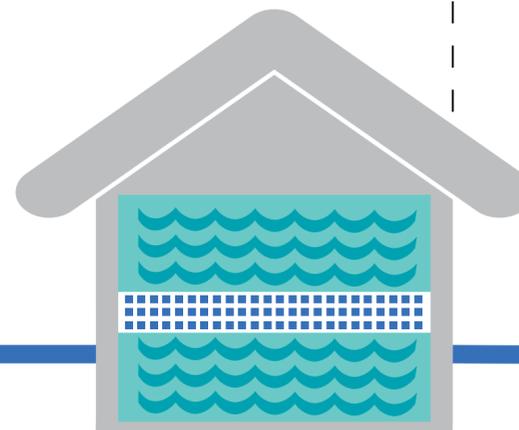
## Coagulation

This process removes dirt and other particles suspended in the water; chemicals are added to attract particles, which then become heavy enough to sink.



## Filtration

Water passes through filters made of layers of sand, gravel or charcoal that remove even smaller particles.



## Storage

Disinfection occurs in a closed tank or reservoir before water flows to user.

